

OFFICE OF THE PRESIDENT  
**FERTILIZER AND PESTICIDE  
AUTHORITY**



# 2016 ANNUAL REPORT





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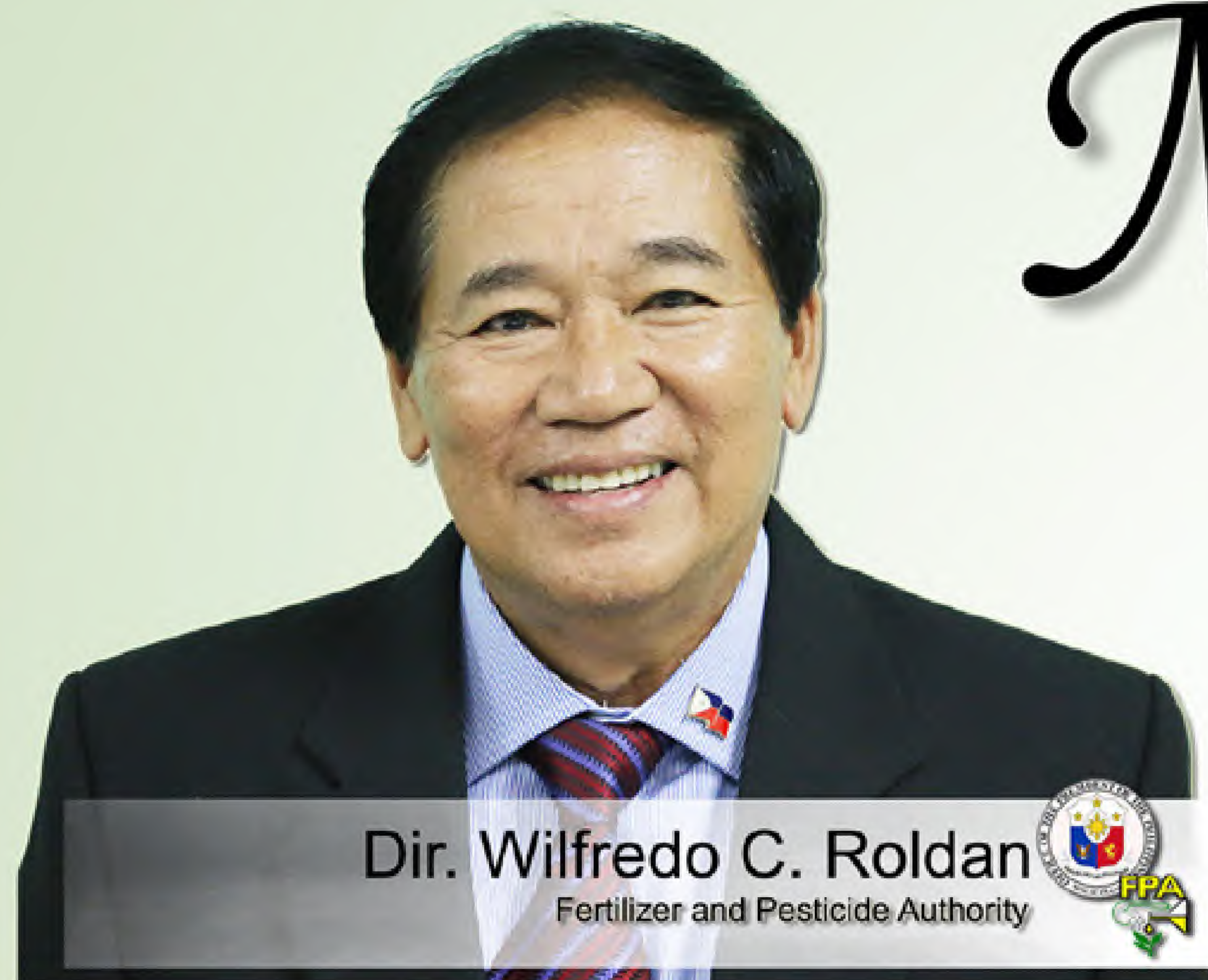




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# MESSAGE OF THE EXECUTIVE DIRECTOR



## *M*ABUHAY ANG FPA!

Indeed, 2016 was a year of success in new beginnings.

I would like to express my heartfelt gratitude to the former FPA Executive Director Dr. Norlito R. Gicana for being a true legacy to this Agency. It is an honor to be the current leader and father of the FPA and I am truly grateful to President Rodrigo R. Duterte for entitling me to this position.

I first arrived here on December 2016 and though it was the last month of that year, I already had plans in mind as to the vision and values I want this Agency to imbibe.

Cleanliness, transparency, open communication – these are the core values that will pave the way for achieving our vision of improving the quality of life for all Filipinos through increased farm incomes, productivity and food production using safe and appropriate fertilizer and pesticide inputs.

As the new father of the FPA Family, I assure that this Agency will become more efficient in the delivery of its services, from frontline up to support to operations in the Central Office and Regional Satellites.

I would like to thank all the members of the FPA Family for welcoming me and supporting my endeavors and I hope this Family will be united together with the fertilizer and pesticide industry stakeholders as we gear towards attaining our mutual goals.

This Report will show you the functions of the FPA and how important this Agency is in ensuring that only safe, effective and high-quality farm inputs go into the land of our farmers around the archipelago.

Again, thank you and I hope for more milestones for the FPA in 2017 and beyond.

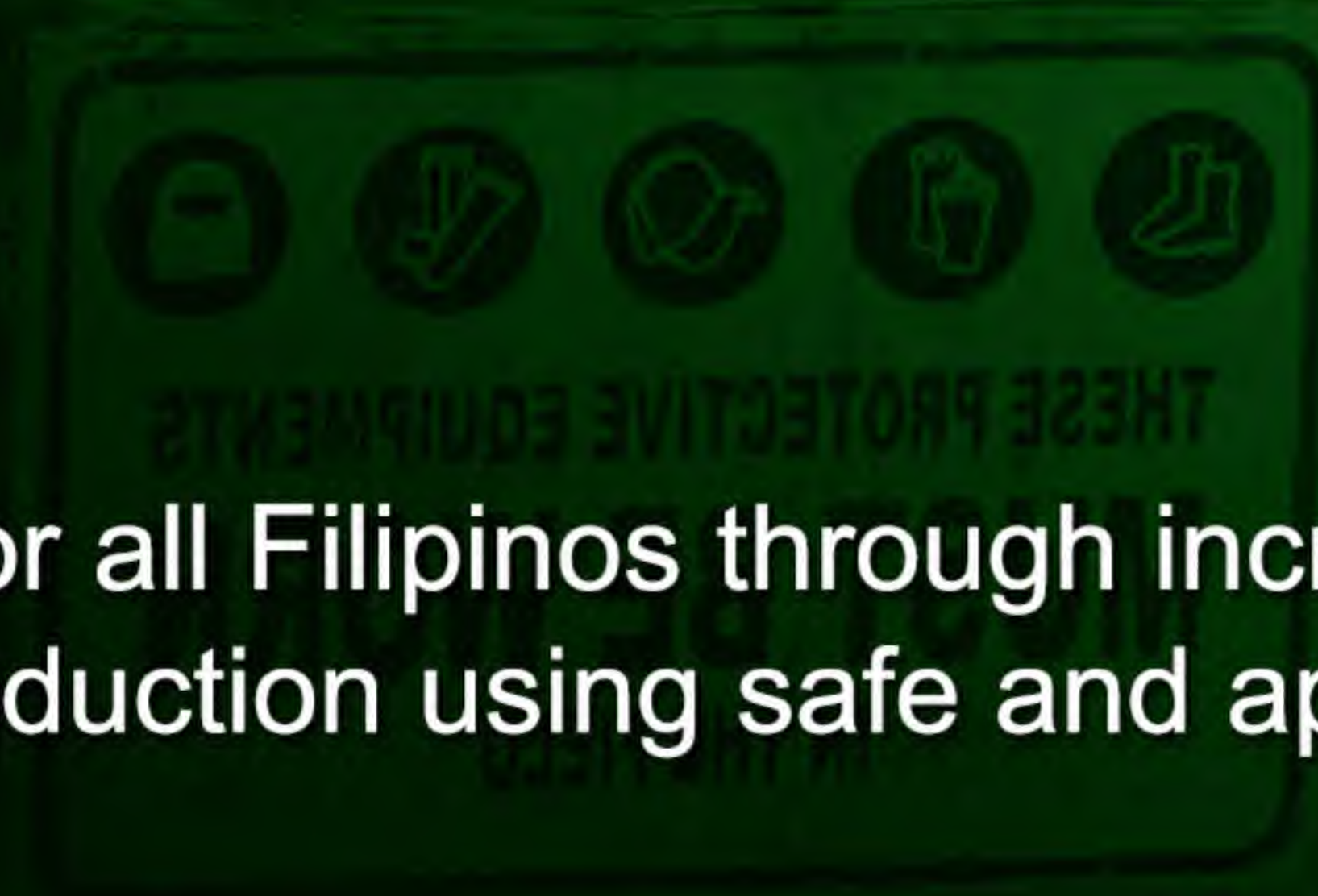
  
**WILFREDO C. ROLDAN**  
*Executive Director*





# VISION

Improved quality of life for all Filipinos through increased farm incomes, productivity and food production using safe and appropriate fertilizer and pesticide inputs.



# MANDATE

Assure adequate, safe and affordable supply of fertilizers and pesticides, rationalize the manufacture and marketing of fertilizers, protect the public from risks inherent to pesticides and educate the agricultural sector on the proper use of these inputs.



# FERTILIZER AND PESTICIDE REGULATION SERVICES



## PRODUCT REGISTRATION

To assure farmers and end-users of the fertilizer products' quality and effectiveness as guaranteed by the manufacturer and/or importer before they are marketed, all imported or locally produced chemical fertilizer products, raw materials and ingredients should be registered with the FPA.

Likewise, to ensure that all agricultural pesticide products, active ingredients, and pesticide formulations meet the prescribed standards before they are imported, manufactured, formulated, distributed and sold in the country, they should first be registered with the FPA.

The registration process carries with it the: (1) pertinent requirements; (2) submission of documentary evidence to support claims on the quality of the product and its effectiveness to target crop/s and pest/s; and (3) a stringent process of evaluation with an end point that benefits outweigh the risks in the use of the product.

For the year 2016, a total of 2,307 product registration certificates were issued for both fertilizers and pesticides. Details are shown below:

	FERTILIZERS	PESTICIDES	TOTAL
New			
Product	446	337	783
Active Ingredient		324	324
Renewal			
Product	219	518	737
Active Ingredient		463	463
<b>TOTAL</b>	<b>665</b>	<b>1,642</b>	<b>2,307</b>
<b>% Share</b>	<b>29%</b>	<b>71%</b>	<b>100%</b>

In relation to the generation of data required for product registration, experimental use permit (EUP) are being issued for the conduct of biological efficacy field tests by the FPA's accredited researchers. For this purpose, the FPA has issued a total of 579 approved EUPs, of which 214 pertains to fertilizers and 365 to pesticides.

For label expansion of fertilizer and pesticide products, there were 25 labels approved for fertilizers and 13 for pesticides.



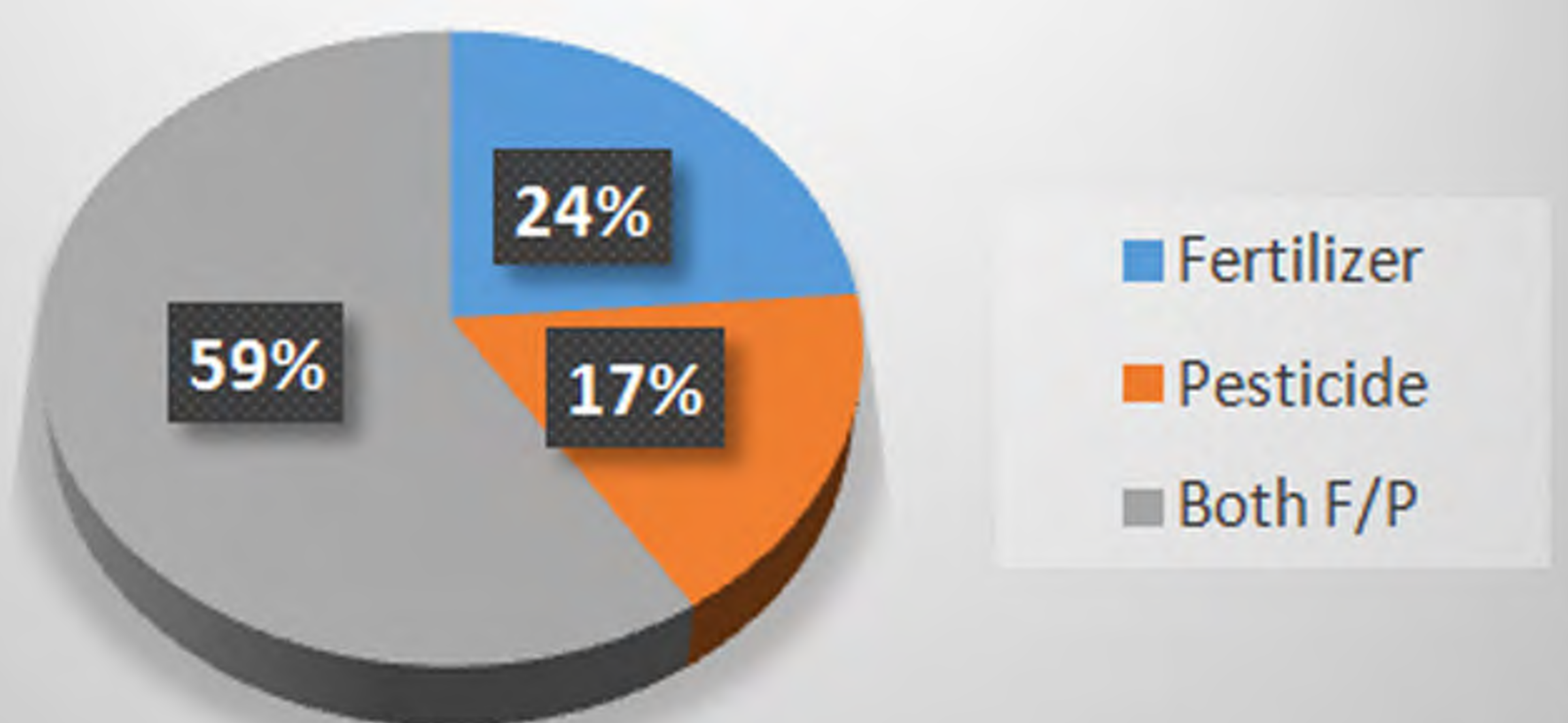


## LICENSING OF HANDLERS

Pursuant to Presidential Decree No. 1144 and its implementing rules and regulations, no person shall engage in the business of importing, manufacturing, formulating, exporting, repacking, distributing, supplying, storing, bulk blending, commercially applying and selling any fertilizers, agricultural pesticides and other agricultural chemicals without a license issued by the FPA.

For 2016, there were 3,193 licenses of handlers and 1,003 warehouse registrations issued wherein 997 belong to fertilizers, 717 to pesticides and 2,482 to both fertilizers and pesticides (F/P).

### 2016 Licenses Issued







# ACCREDITATION

The FPA's accreditation program is designed to update and upgrade the technical knowledge of commercial users, distributors, dealers and researchers in line with the standards and/or protocol set by the FPA. It includes accreditations for: (1) Safety Dispenser; (2) Researcher; (3) Responsible Care Officer; and (4) Certified Pesticide Applicator for Agricultural Fumigator and Exterminator.

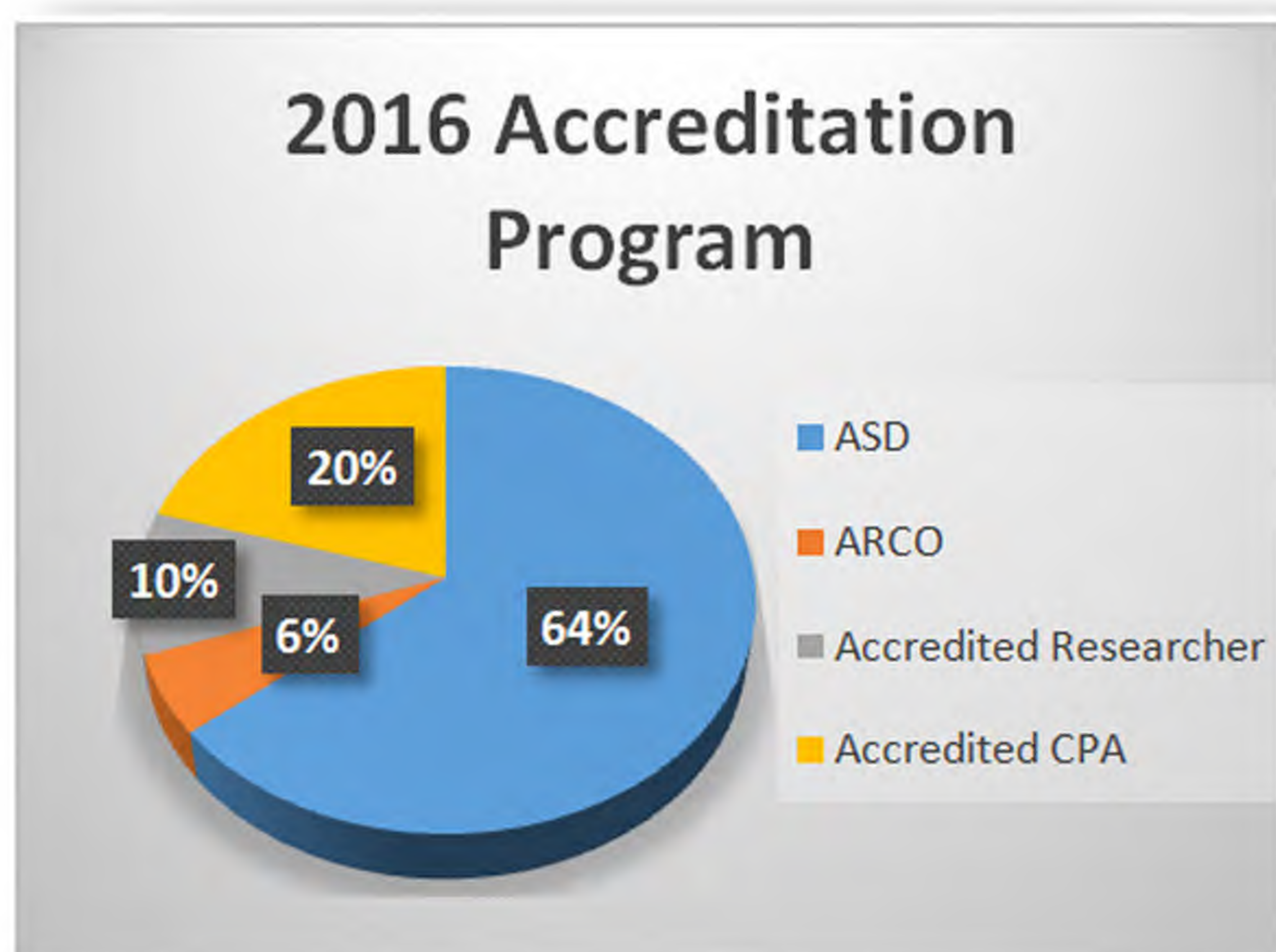
As a requirement, an applicant must attend a four-day training course and pass the examination being administered by the FPA. Moreover, no license shall be issued/renewed to Dealers, Pesticide Distributors and Pest Control Operators if the required accreditation condition is not complied with. For this year, a total of 2,294 individuals were accredited and issued with the corresponding accreditation cards / certificates.

Accreditation of Safety Dispensers (ASD) reached 1,472 individuals who shall be personally present at the F/P dealer stores/outlets during business hours to advise buyers on the safe handling, storage, and use of fertilizers and pesticides.

While for accreditation of Researchers, 31 individuals were accredited for fertilizer who shall perform research works on fertilizer and plant nutrition and 96 for pesticide who shall conduct experiments to generate biological efficacy or other related data for a product in support of registration.

In the accreditation of Responsible Care Officers (ARCO), there were 226 individuals accredited for the year 2016. They shall be the proprietors or employees of the licensed pesticide handlers (except dealers and pest control operators) who shall initiate the promotion of responsible care program in their respective companies.

For Certified Pesticide Applicators(CPA) - Agricultural, a total of 469 individuals were accredited, of which 182 are Fumigators and 287 are Exterminators in plantations.





# PERMITS AND OTHER CERTIFICATIONS



For pesticide related permits and certifications, the FPA was able to issue 2,837 import permits to all importers of technical materials and formulated pesticide products; 2 export permits; 8 amendments, 105 permits to purchase methyl bromide; and 27 various certifications.

For fertilizer related, however, there were 1,367 Value-Added-Tax (VAT) exemption certificates and certifications issued within the year.

## FIELD MONITORING AND ENFORCEMENT



The strict implementation, supervision and close monitoring of safety measures for fertilizer and pesticide producers, users and other handlers are included in the strategies of the FPA in carrying out its mandate.



# SAFETY MEASURES FOR FERTILIZER AND PESTICIDE HANDLERS, USERS, AND THE CONSUMING PUBLIC

Inspections of handlers composed of importers, distributors, manufacturers, dealers, pest control operators, mango contractors, and fertilizer repackers and bulk handlers are being done as a regular activity of the field units to ensure compliance with all the regulatory requirements provided for under PD 1144 and its implementing rules and regulations (IRR).

For 2016, a total of 14,174 handlers were inspected/monitored nationwide, wherein 142 were found to have violated the provisions of PD1144 and accordingly issued with “Stop Use/Move/Sale” (SUMS) Order. Moreover, there were 341 handlers subjected to fines and penalties due to late filing of their renewal for registrations and licenses. During the year, however, no violators were recommended for prosecution as all the requirements and imposed penalties were fully complied with.

For pesticide poisoning incidents, there were 27 poisoning cases recorded in the 435 government hospitals monitored during the year. To address the issue on agricultural related poisoning cases, trainings on the safe and judicious use of fertilizer and pesticide products were conducted/coordinated with the LGUs in different provinces.



# SAFETY MEASURES AND OCCUPATIONAL HEALTH OF PESTICIDE FORMULATION PLANTS

Part of the FPA's monitoring program is the occupational health and safety monitoring of pesticide formulation plants. For the year 2016, there were 24 plant inspections conducted both for pesticide's pre and post-licensing purposes. In the field level, 4 formulators were monitored and found to be compliant with the FPA rules and regulations.





# PRODUCT QUALITY CONTROL

Consistent with the program and thrust of the FPA of ensuring availability of quality fertilizer and pesticide products in the market, the FPA field personnel conducted monitoring and evaluation of 2,570 products in the dealer stores/outlets.

In addition, 626 fertilizer samples were collected and submitted to laboratories for analyses and based on the result of laboratory analyses, 15 samples were found to be below the guaranteed specifications. The field personnel furnished the proprietors copies of the result of laboratory analysis and were advised to inform the suppliers.

Relative to “Operation Timbang” or the random weighing of fertilizers, the FPA field personnel were able to weigh 17,047 bags of the six major fertilizer grades (urea, 14-14-14, ammonium sulfate, ammonium phosphate, muriate of potash and di-ammonium phosphate) in the dealers’ outlets/stores during the year.

As a result of the monitoring done, 19 bags were found to be underweight in which the store owners were advised to repack the fertilizer bags to conform to the standard weight. The rest of the bags weighed were found to be compliant with the permissible minimum tolerance deviation of 250 grams from the 50 kilos standard bag weight.



## RETAIL PRICES OF FERTILIZER AND PESTICIDE PRODUCTS

To ensure the availability of supply of fertilizers and pesticides at reasonable prices and for the information of the consuming public, the FPA Field Officers continuously monitor the fertilizer retail prices of the six major grades on a weekly basis while for pesticide, the price monitoring is being done on a quarterly basis. Said data are being published at the FPA website.





# OTHER IMPORTANT ACTIVITIES

## INFORMATION AND EDUCATION CAMPAIGN

In generating and disseminating information, the FPA website is regularly maintained and updated to provide accessible information.

There were also publications on the proper, safe and judicious use of fertilizers and pesticides which were distributed by the FPA field personnel such as Gabay sa Wastong Paggamit ng Pestisidyo at Abono, Lingap Komiks at Paalala Posters, among others.

The FPA, in coordination with the industry, also produced an 11-minute FPA video primer to be shown during the conduct of trainings. Likewise, to better inform the stakeholders on FPA activities and endeavor, its quarterly Newsletter was regularly produced and published during the year.

In the regional and provincial level, there were 21 media interviews and 32 radio guestings attended to update the general public on the FPA programs and policies. Likewise, 224 technical assistance as resource speaker were rendered on the safe and judicious use of fertilizers and pesticides in various trainings and organizational meetings held in the different regions/provinces.

## ASSURING SAFE AND QUALITY AGRICULTURAL INPUTS

Created to provide technical support to the standard setting and regulatory functions of FPA, the FPA Laboratory performs various laboratory analyses of fertilizer and pesticide samples for the purposes of product registration and quality monitoring to assure the public of safe and quality agricultural inputs.

For 2016, the FPA continuous to render testing services to its clientele. A total of 838 fertilizer samples were received and analyzed, wherein 720 samples were for product registration purposes and 118 samples were for quality monitoring purposes. With the aforementioned fertilizer samples received, a total of 2,644 test parameters were analyzed as shown in Figure 1.

Also, the FPA started to receive pesticide samples for laboratory analysis in February 2016. A total of 132 pesticide samples were received with 152 test parameters analyzed, all for product registration purposes. The percentage of test parameters analyzed as categorized based on pesticide use and other laboratory tests conducted are presented in Figure 2.

Figure 1. Types of analyzed fertilizer test parameters for FY 2016 as shown in percent. Secondary Nutrients include analyses of Sulfur (S), Calcium (Ca) and Magnesium (Mg); Micronutrients include analyses of Water and Acid Soluble Boron (B), Chloride (Cl), Copper (Cu), Iron (Fe), Manganese (Mn), Sodium (Na) and Zinc (Zn); Other Tests include analyses of Biuret, Moisture Content, Organic Matter, pH and Specific Gravity; and Plant Growth Regulators (PGRs) include analyses of flumetralin, gibberellic acid and paclobutrazol.

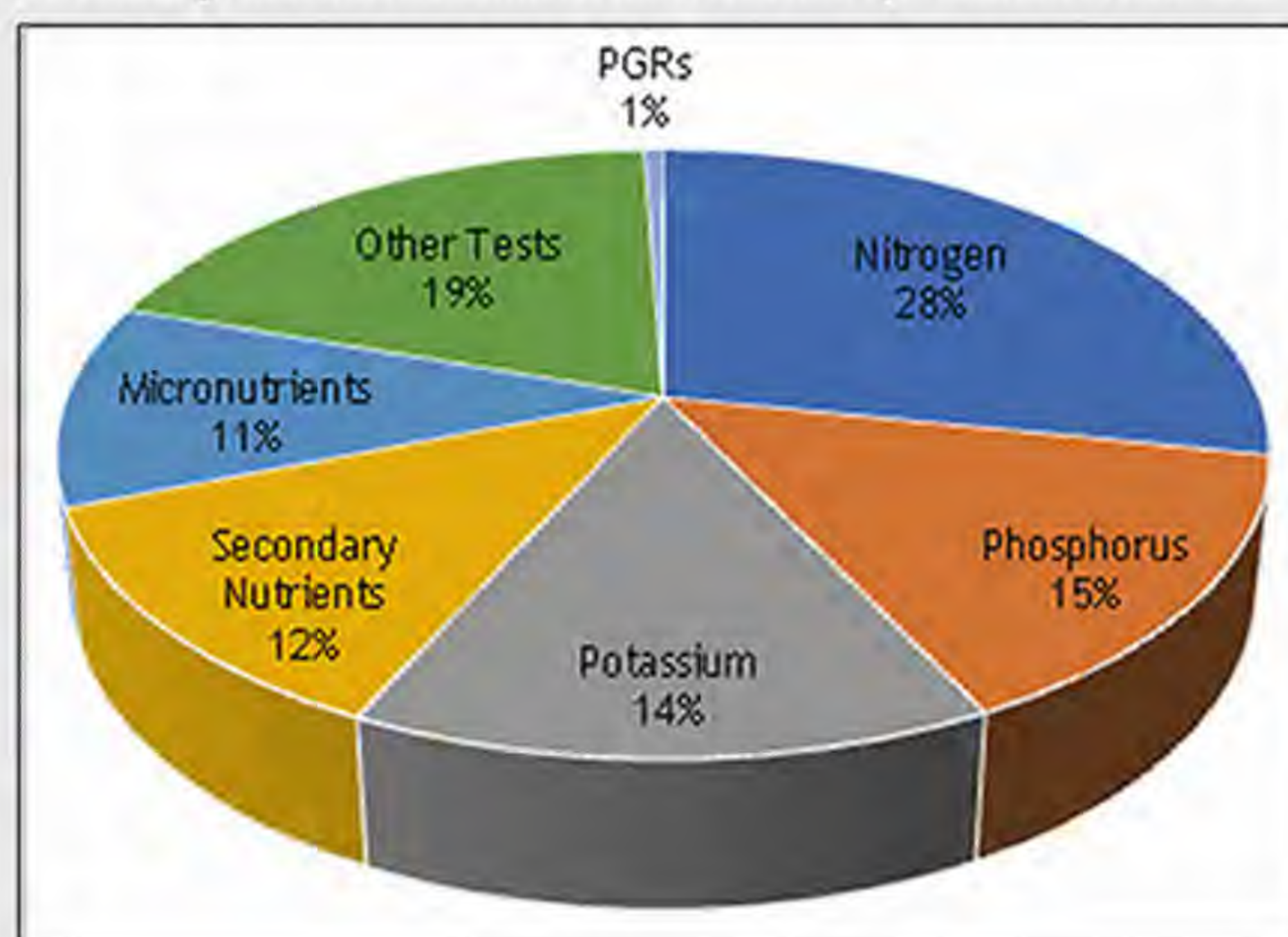
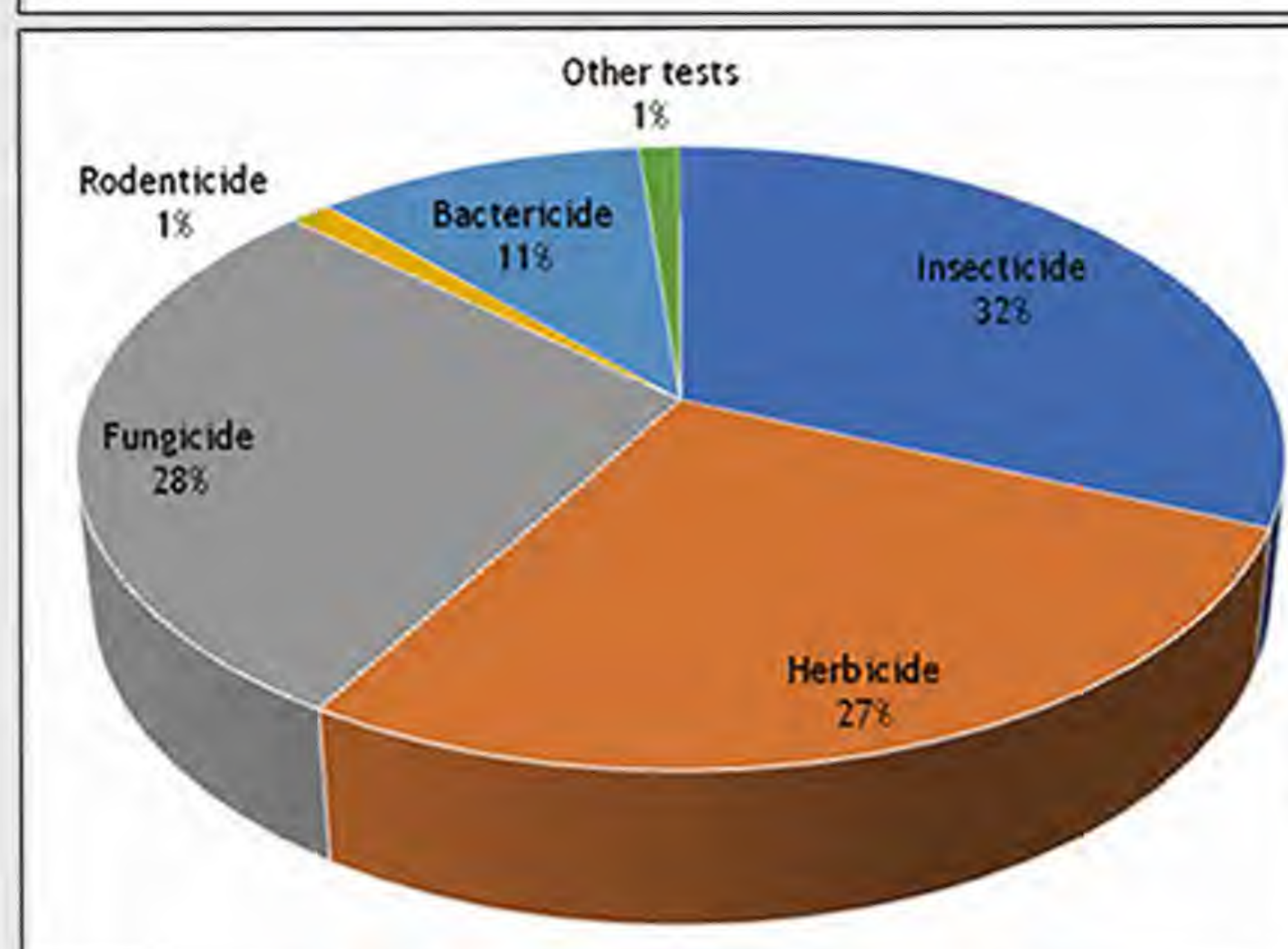


Figure 2. Percentage of analyzed pesticide test parameters.





# TRAININGS CONDUCTED/COORDINATED



To update and upgrade the technical knowledge of commercial users in line with the standards and/or protocols set by the FPA, attendance to training and symposium formed part of its regulation process. For this purpose, there were 52 accreditation trainings and Symposia conducted/coordinated by FPA in 2016:

Type	No. Conducted/ Coordinated
Accredited Safety Dispensers Training	30
Accredited Responsible Care Officers Training	5
Certified Pesticide Applicators Training for Agricultural Exterminators and Fumigators	5
Accredited Researchers Training for Fertilizer and Pesticide	5
Symposium	8
<b>TOTAL</b>	<b>52</b>

## EMPTY PESTICIDE CONTAINER RETRIEVAL PROJECT

The two-year Empty Pesticide Containers Retrieval/Triple Rinse Project in Benguet Province ended in April 2016. The project was implemented by CropLife Philippines with the FPA, LGUs, FPA handlers, farmers and other pesticide companies as partners to support the Benguet's Provincial Ordinance No. 11-150.

During the implementation of the project, information and education campaigns (IEC) were done in the different municipalities of Benguet through the conduct of trainings on safe and judicious use, proper handling and storage, and disposal of fertilizer and pesticide products. The proper disposal of empty pesticide containers was reiterated in the said trainings.

To complement the IECs conducted, collection, sorting and packing centers were established to different barangays. The FPA handlers especially the dealers' outlets/stores became the dropping points of farmers of their empty pesticide containers. There were at least 3,190 farmers participated and the project was able to retrieve empty containers of about 57,384 pcs. of HDPE and COEX, 20,164 pet bottles, 55,262 sachets, 59,826 aluminum packs, 5,646 outer boxes, and 246 glasses.

Through this project, the FPA handlers, users/farmers, LGUs and other non-government organizations realized the necessity of retrieving the empty containers to avoid further destruction of the environment due to inappropriate handling, use, disposal, and storage of crop protection products.





# FPA BOARD MEETINGS



To address relevant issues involving policy directions, 2 board meetings were conducted in 2016 while the FPA is still under the Office of the Presidential Assistant for Food Security and Agricultural Modernization (OPAFSAM). The meetings took place on January 29 and April 27, 2016.

## POLICY TECHNICAL ADVISORY COMMITTEE (PTAC) MEETINGS



In order to strengthen the technical capability of the FPA as a regulatory agency and address issues and concerns relative to fertilizer and pesticide regulations, the PTAC was created. Its membership is composed of technical people from the different government agencies and non-government organizations.

In 2016, the fertilizer PTAC was revived and held a total of 4 meetings while for the pesticide PTAC, 2 meetings were convened.

## FERTILIZER AND PESTICIDE STAKEHOLDERS CONSULTATION MEETINGS



To update the FPA stakeholders of its new policies and programs as well as to address issues and concerns, dialogues/meetings were conducted. For this purpose, about 38 stakeholders' consultation meetings were conducted in the central office while a total of 1,269 dialogues with handlers, dealer's associations, regional Crop Protection Association of the Philippines (CPAP) and local Certified Pesticide Applicators (CPAs') were done in the field units.



# GENERAL ADMINISTRATION AND SUPPORT

## HUMAN RESOURCE

For this year, the Civil Service Commission has approved the Strategic Performance Management System (SPMS) and the Merit Selection Plan (MSP) of the FPA.

With the approval of FPA-SPMS, the employee's performance evaluation was shifted from the traditional performance appraisal system to performance management which involved 3 dimensions of performance: quality, efficiency and timeliness. On the other hand, FPA-MSP ensures that the FPA adheres to the principles of merit, fitness and equality in the selection of its employees. With the FPA-MSP approval in August, the agency was able to fill-up four (4) positions.

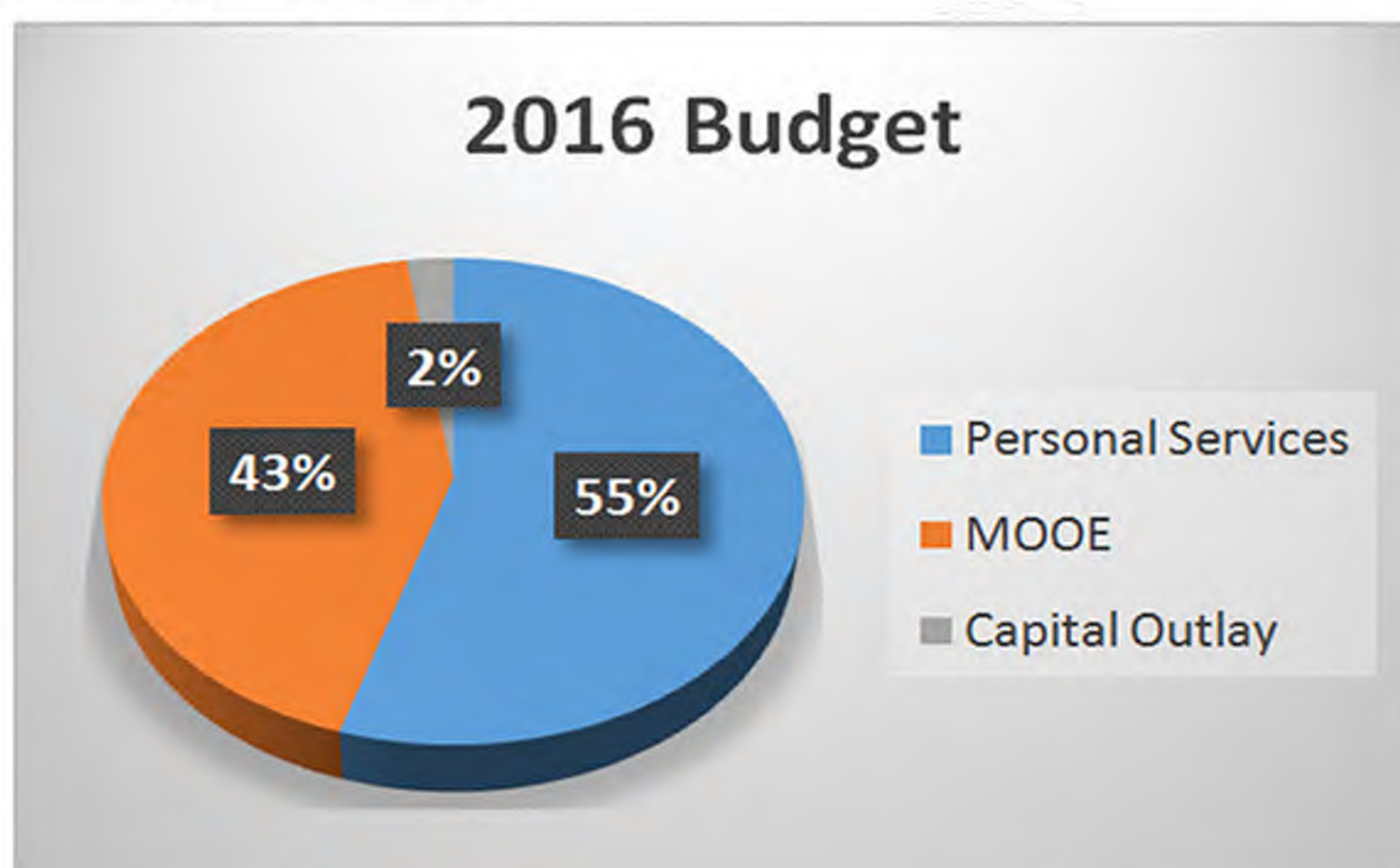
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## FINANCIAL ADMINISTRATION

### A. BUDGET RELEASE

The FPA's total budget releases for FY 2016 was P98.2 million which includes P75.9 million Current Appropriation, P6.1 million Continuing Appropriation, P3.8 million Automatic Appropriation and P12.4 million for Terminal Leave Benefits and other releases.

Personal Services allocation was P53.8 million while Maintenance and Other Operating Expenses (MOOE) and Capital Outlay (CO) have P42.1 million and P2.3 million, respectively.



Relative to program, project, activities, General Administration and Support (GAS) has a share of P45.6 million and the balance P52.6 million went to Operations' two (2) sub programs, namely: (1) quality control and inspection with P31.3 million allocation; and (2) registration and licensing with P21.3 million allocation.

### B. FUND UTILIZATION

For 2016, the FPA utilized a total amount of P 79.9 million or 81% out of the P98.2 total budget releases. Personal Services has a 99% utilization rate while the MOOE and CO have 58% and 83% utilization rate, respectively.

The GAS utilized 86% of its allocation while the quality control and inspection, and the registration and licensing sub programs had utilized 89% and 60%, respectively.





## C. INCOME COLLECTIONS

### I. Registration and Licensing

The FPA income was derived from the fees collected from fertilizer and pesticide product registrations, licensing of handlers, surcharges from late registrations, penalties imposed from violations, laboratory fees, and processing fees for permits, accreditations and certifications.

With the collaborative effort of all employees, the agency was able to collect P54.9 million, the highest so far, from its registration and licensing functions. This amount is equivalent to 134% of this year's projected income of P40.9 million.

All collections were directly deposited to the Bureau of the Treasury account pursuant to existing auditing rules and regulations.



### II. Other Collections

Other income collections include the proceeds from sale of Accredited Safety Dispenser (ASD) Manuals and Regulatory Policies and Implementing Guidelines (Blue Book and Green Book) in the total amount of P0.36 million, and the rental income from facilities (convention hall and training room) amounting to P0.25 million.





# 2016 AVERAGE RETAIL PRICES OF 6 MAJOR FERTILIZER GRADES

## UREA ( 46-0-0 )

Month	R E G I O N														AVERAGE
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CARAGA	ARMM	
Jan	975.60	933.46	964.29	1,111.61	1,060.68	904.38	940.00	1,171.25	1,064.00	883.67	911.25	870.53	936.50	1,156.70	991.71
Feb	961.60	888.78	953.57	1,085.33	1,033.65	872.92	936.67	1,160.00	1,063.00	923.33	896.17	870.15	936.50	1,163.35	981.79
Mar	947.60	885.70	930.36	1,069.78	1,020.48	867.50	936.67	1,166.25	1,063.00	920.83	886.25	849.35	936.50	1,156.67	974.07
Apr	930.08	900.03	913.00	1,065.60	1,001.79	839.50	923.33	1,168.17	1,028.60	864.33	877.80	844.99	933.80	1,155.33	960.45
May	908.00	873.21	907.14	1,082.17	983.90	808.75	903.33	1,159.17	1,021.50	836.83	875.05	837.25	923.00	1,155.00	948.16
Jun	846.58	852.12	902.68	1,070.83	971.75	786.67	885.83	1,152.08	1,019.50	820.58	852.60	803.92	922.38	1,255.00	938.75
Jul	796.75	837.50	802.09	1,045.00	959.73	768.33	866.67	1,134.50	1,019.20	784.13	836.24	761.13	917.50	1,219.60	910.60
Aug	820.00	753.57	782.78	1,044.44	942.12	756.67	810.00	1,127.50	1,006.00	764.83	826.25	738.00	887.88	1,196.00	889.72
Sep	820.00	755.02	757.44	1,044.56	921.10	736.67	810.00	1,117.17	996.00	753.33	796.20	748.27	880.00	1,196.00	880.84
Oct	820.00	753.98	739.86	929.58	919.67	715.83	810.00	1,105.83	985.00	753.33	790.70	696.08	871.25	1,196.00	863.37
Nov.	820.00	753.98	775.56	882.78	919.44	715.83	806.34	1,126.46	962.75	753.33	774.65	681.58	835.94	1,196.00	857.47
Dec	785.00	753.97	790.00	854.44	930.67	715.83	773.40	1,045.56	896.00	755.50	799.80	720.22	858.50	1,170.00	846.35
Average	869.27	828.44	851.56	1,023.84	972.08	790.74	866.85	1,136.16	1,010.38	817.84	843.58	785.12	903.31	1,184.64	920.27

## AMMONIUM SULFATE ( 21-0-0 )

Month	R E G I O N														AVERAGE
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CARAGA	ARMM	
Jan	496.00	491.92	531.86	642.54	664.50	498.33	530.00	676.67	662.94	496.56	504.25	498.77	611.00	-	561.95
Feb	491.75	485.21	544.93	620.50	647.15	497.92	536.67	651.67	684.00	731.83	492.06	493.33	611.00	-	576.00
Mar	490.50	487.12	536.07	620.50	639.22	495.83	536.67	650.00	684.00	730.83	494.05	486.52	611.00	-	574.02
Apr	494.26	502.50	528.57	619.94	639.50	496.50	531.33	647.00	664.00	494.33	491.52	488.28	592.80	-	553.12
May	492.50	506.43	531.43	605.42	664.72	483.33	523.33	636.25	659.00	486.83	501.60	838.17	520.00	-	573.00
Jun	490.94	496.73	521.61	595.62	659.67	487.50	520.83	633.00	661.00	482.58	493.90	473.11	518.25	-	541.13
Jul	491.50	496.73	510.58	586.50	596.20	483.50	517.00	634.09	656.40	478.33	487.88	458.67	515.00	-	531.72
Aug	493.75	486.71	509.44	584.58	583.60	482.50	501.67	636.67	595.00	470.08	500.20	444.35	484.25	-	520.98
Sep	493.75	479.18	520.56	584.17	587.70	480.58	501.67	631.00	651.00	471.33	488.16	435.07	475.20	-	523.03
Oct	493.75	477.26	523.33	580.83	616.17	1,346.00	501.67	625.00	661.00	471.33	485.70	432.42	474.25	-	591.44
Nov.	493.75	477.26	524.67	575.00	623.33	479.00	501.34	635.00	633.50	471.33	486.85	433.67	462.00	-	522.82
Dec	492.50	477.26	530.56	597.50	619.94	478.00	498.40	625.00	551.00	468.75	471.27	439.89	456.50	-	515.89
Average	492.91	488.69	526.13	601.09	628.48	559.08	516.72	640.11	646.90	521.18	491.45	493.52	527.60	-	548.76

## COMPLETE ( 14-14-14 )

Month	R E G I O N														AVERAGE
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CARAGA	ARMM	
Jan	1,136.50	1,091.65	1,113.57	1,230.00	1,196.62	1,074.38	1,133.33	1,350.83	1,206.00	1,092.89	1,087.35	1,061.57	1,104.50	1,196.70	1,148.28
Feb	1,128.00	1,073.51	1,109.82	1,220.56	1,181.76	1,032.08	1,136.67	1,400.83	1,209.00	1,022.33	1,079.72	1,060.00	1,104.50	1,196.70	1,139.68
Mar	1,139.50	1,074.79	1,108.57	1,227.78	1,175.92	1,028.33	1,136.67	1,262.95	1,209.00	1,017.83	1,081.80	1,057.92	1,104.50	1,196.67	1,130.16
Apr	1,152.72	1,089.89	1,108.57	1,211.33	1,178.42	1,052.33	1,135.33	1,275.33	1,202.60	1,078.33	1,078.16	1,057.73	1,104.05	1,196.69	1,137.25
May	1,147.60	1,091.19	1,110.36	1,204.72	1,166.12	1,055.83	1,133.33	1,263.33	1,195.50	1,074.83	1,078.40	1,058.33	1,102.25	1,196.70	1,134.18
Jun	1,081.85	1,091.84	1,106.07	1,201.67	1,174.91	1,051.67	1,115.83	1,261.25	1,195.50	1,072.33	1,061.70	1,050.52	1,098.12	1,355.00	1,137.02
Jul	1,074.00	1,091.83	1,057.57	1,182.67	1,180.83	1,035.50	1,107.33	1,257.50	1,202.00	1,071.33	1,058.04	1,035.00	1,093.50	1,323.80	1,126.49
Aug	1,074.60	1,046.94	1,046.43	1,177.22	1,180.00	1,033.33	1,095.83	1,255.00	1,196.00	1,068.58	1,044.70	1,028.92	1,079.25	1,303.00	1,116.41
Sep	1,074.60	1,036.82	1,044.23	1,177.78	1,173.33	1,012.00	1,095.00	1,246.50	1,185.00	1,062.33	1,055.92	1,006.87	1,074.50	1,303.28	1,110.58
Oct	1,074.60	1,038.63	1,046.56	1,135.97	1,167.71	1,028.33	1,095.00	1,245.00	1,173.00	1,062.33	1,063.25	993.58	1,075.00	1,303.35	1,107.31
Nov.	1,074.60	1,038.63	1,045.62	1,111.67	1,164.97	1,028.96	1,162.67	1,255.00	1,151.00	1,062.33	1,048.70	985.67	1,071.25	1,303.35	1,107.46
Dec	1,068.60	1,038.63	1,046.25	1,108.89	1,154.49	1,029.17	1,771.70	1,223.33	1,085.00	1,053.25	1,033.93	991.11	1,067.50	1,303.35	1,141.09
Average	1,102.26	1,067.03	1,078.64	1,182.52	1,174.59	1,038.49	1,176.56	1,274.74	1,184.13	1,061.56	1,064.31	1,032.27	1,089.91	1,264.88	1,127.99



# 2016 AVERAGE RETAIL PRICES OF 6 MAJOR FERTILIZER GRADES

## AMMONIUM PHOSPHATE ( 16-20-0 )

Month	R E G I O N														AVERAGE
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CARAGA	ARMM	
Jan	929.00	877.76	953.33	1,091.75	1,037.10	868.33	940.00	1,074.17	1,073.00	896.11	930.30	868.55	1,005.50	-	964.99
Feb	927.00	864.42	960.74	1,045.62	1,021.33	901.25	940.00	1,064.58	1,056.00	942.83	922.89	869.62	1,005.50	-	963.21
Mar	927.00	864.93	961.43	1,046.88	1,031.48	899.17	940.00	1,106.33	1,056.00	939.83	914.80	885.46	1,005.50	-	967.60
Apr	925.83	885.75	964.57	1,056.59	1,041.12	867.83	1,004.00	1,057.50	1,024.80	882.33	913.20	868.37	995.10	-	960.54
May	920.60	887.22	960.00	1,054.69	1,032.12	857.50	1,100.00	1,045.31	1,016.50	845.83	908.80	865.83	953.50	-	957.53
Jun	913.35	889.10	959.64	1,028.39	1,020.26	852.08	975.00	1,046.25	1,023.50	873.33	905.35	855.74	952.38	-	945.72
Jul	908.60	886.64	909.14	1,031.43	1,027.80	840.00	926.00	1,050.79	1,066.40	872.33	901.48	845.33	948.00	-	939.53
Aug	911.60	856.06	896.43	1,031.43	1,013.74	831.67	893.33	1,041.67	1,023.00	869.58	906.55	840.62	936.75	-	927.11
Sep	911.60	840.11	865.00	1,031.43	1,004.12	827.00	890.00	1,035.00	1,019.00	862.33	895.12	824.00	927.80	-	917.89
Oct	911.60	841.53	849.69	995.00	1,015.89	829.17	890.00	1,038.33	942.50	862.33	897.40	819.25	927.00	-	909.21
Nov.	911.60	841.53	875.00	973.33	1,031.29	829.17	888.67	1,049.58	953.24	862.33	898.95	801.58	927.75	-	911.08
Dec	900.60	841.53	872.50	955.56	1,013.61	829.17	876.70	1,006.11	979.00	854.75	884.93	814.22	929.00	-	904.44
Average	916.53	864.72	918.96	1,028.51	1,024.16	852.70	938.64	1,051.30	1,019.41	880.33	906.65	846.55	959.48	-	939.07

## MURIATE OF POTASH ( 0-0-60 )

Month	R E G I O N														AVERAGE
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CARAGA	ARMM	
Jan	1,498.00	1,300.00	1,392.00	1,540.00	1,423.36	1,079.69	1,161.67	1,271.60	1,211.25	1,129.89	1,092.40	1,062.82	1,154.67	-	1,255.18
Feb	1,535.00	1,300.00	1,384.50	1,481.67	1,278.29	1,062.50	1,160.00	1,232.50	1,223.75	1,082.83	1,062.11	1,063.95	1,154.67	-	1,232.44
Mar	1,561.43	-	1,386.36	1,461.43	1,272.00	1,055.00	1,160.00	1,221.67	1,223.75	1,081.83	1,073.30	1,048.20	1,154.67	-	1,224.97
Apr	1,184.29	1,060.00	1,379.33	1,451.61	1,290.38	1,064.47	1,160.00	1,239.50	1,211.25	1,126.33	1,048.92	1,069.20	1,160.06	-	1,188.10
May	1,170.00	1,060.00	1,375.00	1,436.25	1,295.00	1,057.86	1,160.00	1,231.25	1,204.38	1,084.83	1,039.70	1,070.58	1,176.25	-	1,181.62
Jun	1,170.00	1,185.83	1,365.83	1,425.62	1,295.00	1,046.25	1,157.50	1,217.50	1,205.00	1,064.83	1,036.80	1,040.88	1,160.12	-	1,182.40
Jul	1,170.00	1,185.63	1,333.18	1,417.50	1,340.83	1,032.50	1,154.67	1,198.89	1,319.50	1,056.33	1,052.68	1,017.59	1,148.50	-	1,186.75
Aug	1,170.00	1,185.83	1,322.50	1,419.58	1,363.75	1,020.00	1,141.67	1,190.00	1,206.25	1,058.83	1,050.15	1,009.08	1,106.31	-	1,172.61
Sep	1,170.00	1,185.83	1,308.93	1,419.17	1,360.62	1,009.00	1,140.00	1,196.67	1,207.50	1,061.33	1,035.88	1,000.13	1,119.65	-	1,170.36
Oct	1,170.00	1,185.83	1,309.17	1,357.12	1,360.95	1,018.75	1,140.00	1,197.50	1,205.00	1,061.33	1,030.95	986.83	1,102.25	-	1,163.51
Nov.	1,170.00	1,185.83	1,288.33	1,308.57	1,336.70	1,018.75	1,138.17	1,199.38	1,205.62	1,061.33	1,018.55	971.83	1,098.00	-	1,153.93
Dec	1,435.00	1,185.83	1,298.33	1,320.00	1,371.40	1,018.75	1,121.70	1,178.57	1,207.50	1,055.00	1,000.87	974.56	1,111.50	-	1,175.31
Average	1,283.64	1,183.69	1,345.29	1,419.88	1,332.36	1,040.29	1,149.62	1,214.59	1,219.23	1,077.06	1,045.19	1,026.30	1,137.22	-	1,190.60

## DI-AMMONIUM PHOSPHATE ( 18-46-0 )

Month	R E G I O N														AVERAGE
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CARAGA	ARMM	
Jan	-	-	-	-	-	1,387.92	1,540.00	1,585.00	1,550.00	1,507.89	1,480.94	1,630.00	-	-	1,525.96
Feb	-	-	-	-	-	1,385.62	1,467.50	1,570.00	1,546.67	1,275.33	1,493.69	1,613.31	-	-	1,478.87
Mar	-	-	-	-	-	1,379.69	1,466.67	1,577.50	1,546.67	1,269.33	1,501.70	1,530.08	-	-	1,467.38
Apr	-	-	-	-	-	1,372.19	1,464.00	1,580.00	1,585.00	1,501.33	1,488.13	1,529.54	-	-	1,502.88
May	-	-	-	-	-	1,341.43	1,460.00	1,571.25	1,585.00	1,469.83	1,485.55	1,538.75	-	-	1,493.12
Jun	-	-	-	-	-	1,349.38	1,457.50	1,550.00	1,585.00	1,463.75	1,461.25	1,474.38	-	-	1,477.32
Jul	-	-	-	-	-	1,342.19	1,456.00	1,518.00	1,550.00	1,446.13	1,443.70	1,470.15	-	-	1,460.88
Aug	-	-	-	-	-	1,345.00	1,450.00	1,507.50	1,536.67	1,432.33	1,447.50	1,496.62	-	-	1,459.37
Sep	-	-	-	-	-	1,331.00	1,450.00	1,501.00	1,536.67	1,426.33	1,405.92	1,511.07	-	-	1,451.71
Oct	-	-	-	-	-	1,336.25	1,450.00	1,500.00	1,536.67	1,426.33	1,376.75	1,562.17	-	-	1,455.45
Nov.	-	-	-	-	1,320.00	1,336.25	1,448.34	1,395.00	1,536.67	1,426.33	1,369.30	1,531.17	-	-	1,420.38
Dec.	-	-	-	-	-	1,336.25	1,433.40	1,382.00	1,536.67	1,407.50	1,390.40	1,491.14	-	-	1,425.34
Average	-	-	-	-	1,320.00	1,353.60	1,461.95	1,519.77	1,552.64	1,421.03	1,445.40	1,531.53	-	-	1,468.22

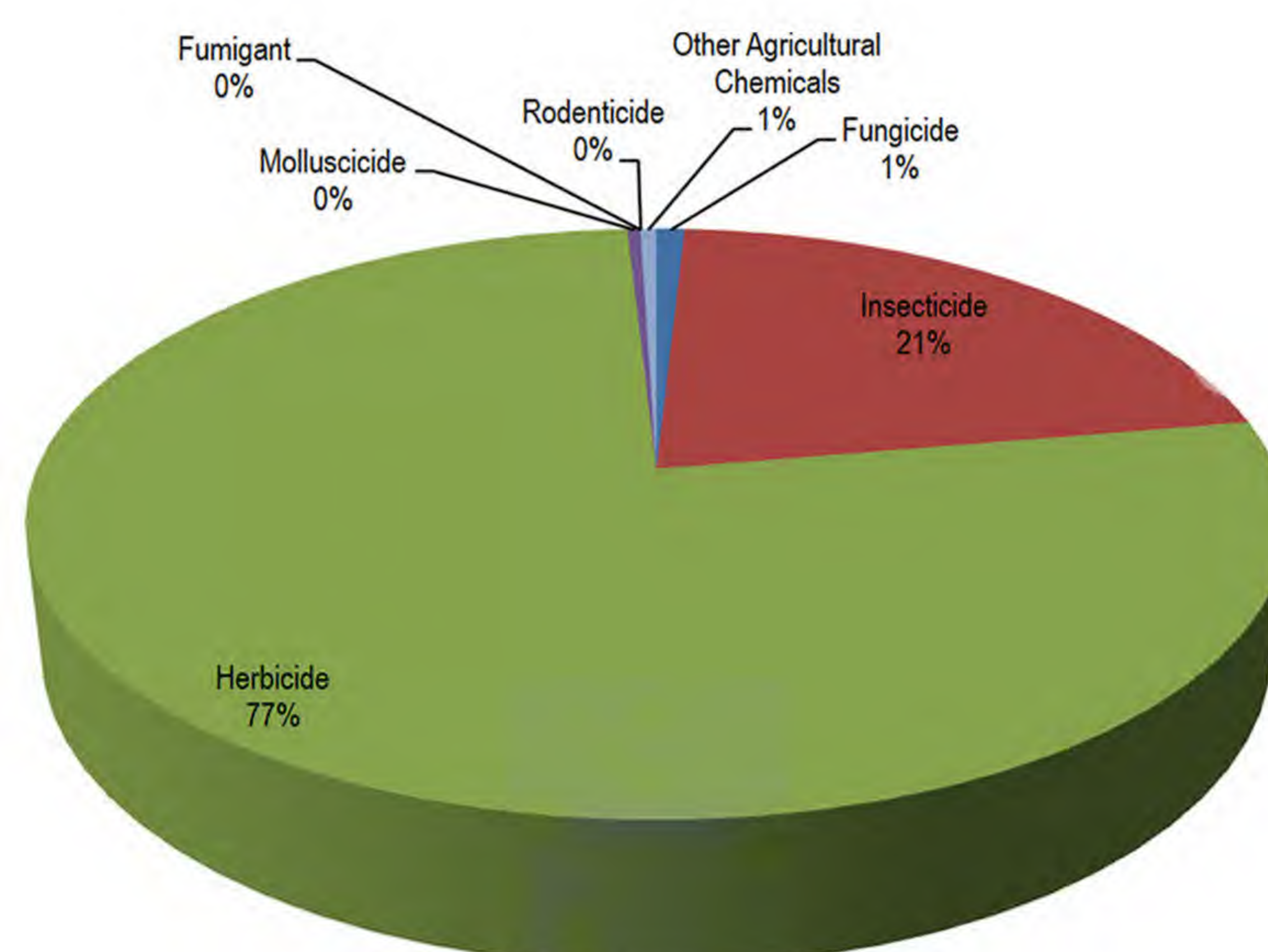


# DATA ON PESTICIDE IMPORTATION

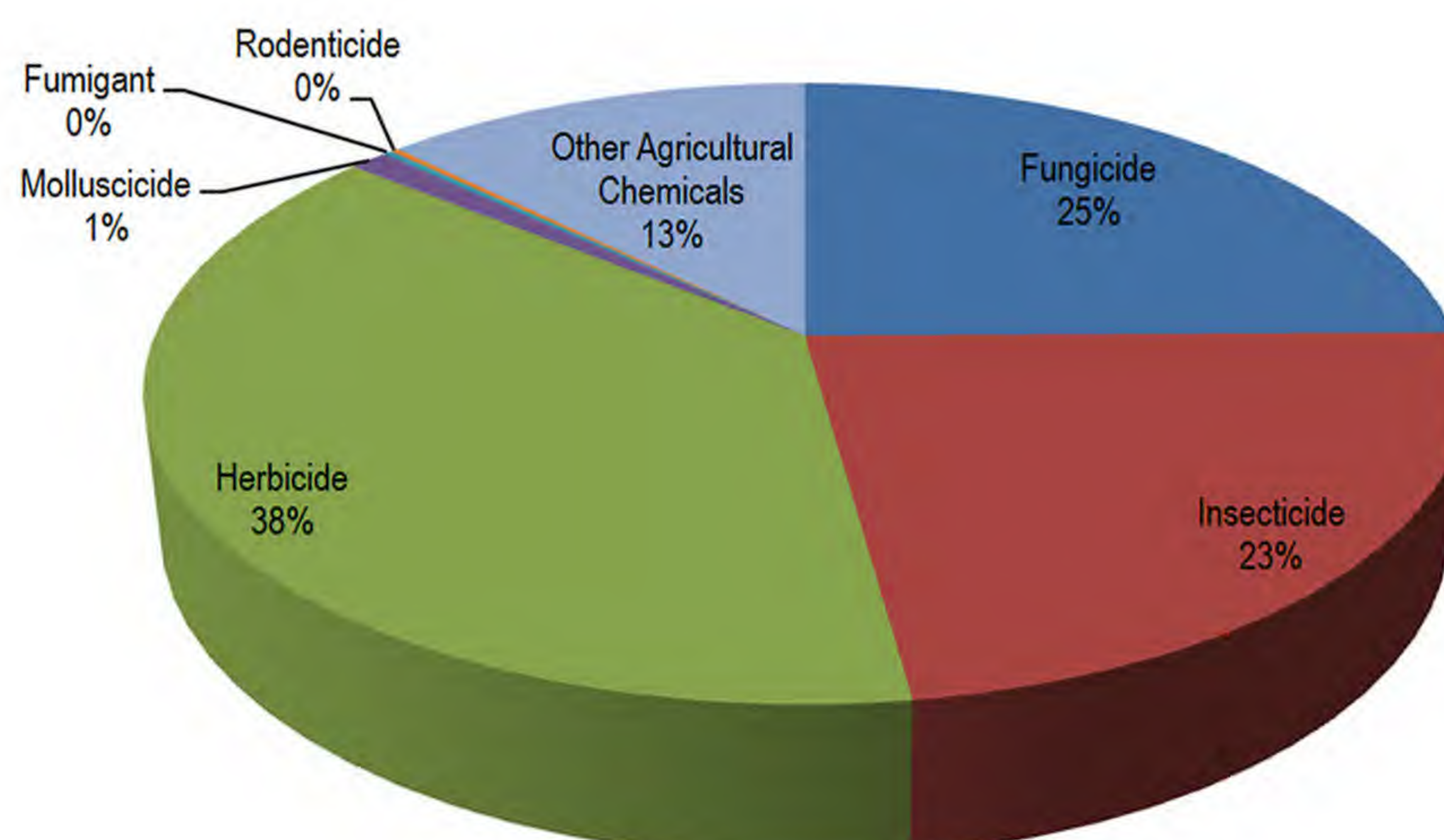
CLASSIFICATION	TECHNICAL		FORMULATED	
	VOLUME (MT)	VALUE (USD)	VOLUME (MT)	VALUE (USD)
Fungicide	26	145,410	12,790	105,537,087
Insecticide	651	4,169,820	11,852	81,940,972
Herbicide	2,333	4,503,706	19,584	67,875,223
Molluscicide	12	71,640	572	5,698,349
Fumigant	-	-	135	1,469,207
Rodenticide	-	-	118	605,126
Other Agricultural Chemicals	15	84,000	6,463	13,063,769
<b>GRAND TOTAL</b>	<b>3,037</b>	<b>8,974,576</b>	<b>51,514</b>	<b>276,189,732</b>

Note: The unit of volume is in metric tons (MT).

Importation of Technical Material



Importation of Formulated Pesticide Products





# Preparation for ISO:9001 *Quality Management System*



The seminar on ISO last September 2016 was led by a group of experts from the Competitiveness Bureau (CB) and National Competitiveness Council (NCC) of the Department of Trade and Industry (DTI). Lead resource speaker Mr. Ariel Faraon, who was introduced by FPA-FRD Chief Ms. Julieta B. Lansangan, is the project manager and lead program consultant of the Project Repeal: The Philippine Red Tape Challenge.

What is ISO 9001? According to Mr. Faraon's presentation, "it is a quality management system that can be adopted by any kind of organization...the system is focused towards the meeting of customer requirements and enhancing customer satisfaction." With over a million certificates issued globally, ISO 9001 is currently being instigated in 175 countries.

As a system designed to constantly enhance agency performance, the ISO 9001:2008 Quality Management System can eradicate bad culture, uncertainties, malicious practices, inconsistencies, errors, problems, inefficiencies and ineffectiveness. "Planning is the key," said Mr. Faraon as he emphasized that the ISO 9001 necessitates agencies to plan what to do; follow that plan; monitor, measure and analyse the execution of the plan; and improve the plan.





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*“Towards better harvest, better health,  
and safer environment”*



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